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[54]	ELECTRONIC GAME APPARATUS		
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ABSTRACT [57]

An electronic game apparatus for determining the presence and optionally the identity of playing pieces. Each playing piece (10) is provided with a resonator circuit (12,14,16), which may be tuned so that each playing piece or type or piece has a unique resonant frequency. A board (2) defining a number of particular playing positions is provided with transmit and receive coils (4,6) underneath it to stimulate the resonator circuit of a piece and to sense the resonant signal respectively. An amplifier is provided between the two sets of coils to amplify the signal generated by the resonant circuit. A resonant signal results if a playing piece is placed on a particular position on the board (2). The frequency of this signal is detected and may then be determined and the piece thereby identified.

10 Claims, 4 Drawing Sheets



